

GREEN STORAGE INITIATIVE (www.snia.org/gsi)

Working collaboratively, the GSI and the Green TWG (Technical Work Group) are focused on:

- Maintaining the SNIA Emerald™ Program for SNIA Emerald™ Energy Efficiency Measurement and conducting training of SNIA Emerald™ testers and industry stakeholders
- Educating the IT industry, vendor community and regulatory bodies on techniques to conserve energy for enterprise storage environments
- Providing external advocacy and support of the technical work of the SNIA Green Storage Technical Working Group (TWG)
- Providing input to the SNIA Green Storage TWG on requirements for green storage measurement specifications, metrics and standards
- Establish and maintain cross-industry relationships and alliances to coordinate and advance data center energy efficiency related programs, test and measurement methods, and standards
- Promoting storage-centric applications that reduce the storage footprint and associated power requirements



SOLID STATE STORAGE INITIATIVE (www.snia.org/sssi)

The SNIA Solid State Storage Initiative (SSSI) fosters the growth and success of the market for solid state storage. SSSI educates markets about solid state storage, promotes and influences standards for solid state storage, and collaborates with other industry associations for success of solid state storage. Communities include PCIe SSD, NVDIMM, SSS Performance, and Workload I/O Capture.



STORAGE MANAGEMENT INITIATIVE (www.snia.org/smi)

The Storage Management Initiative (SMI) oversees and drives the development of a standardized and interoperable storage management interface known as the Storage Management Initiative Specification (SMI-S)

The Initiative's standards promote:

- End user storage management solutions that are implementable, deployable and verifiable
- Vendor solutions that create return on investment for the entire industry
- Interoperability, communication, and best practices in the storage network
- Cost-effective approaches that consider maturation and vendor development variation



STORAGE SECURITY INDUSTRY FORUM (www.snia.org/ssif)

The SNIA Storage Security Industry Forum (SSIF) is a consortium of storage professionals, security professionals, security practitioners, and academics.

The SSIF is focused on:

- Providing data and information security expertise
- Contributing to a better understanding of information assurance and how it applies in IT operations
- Influencing the design, use, and management of storage technology to better protect and secure information

Auditors, educators, and IT practitioners implementing security practices throughout the world are encouraged to engage the SSIF and participate in education and outreach activities.

TECHNOLOGY COMMUNITIES



www.snia.org/forums

SNIA's Technology Communities primarily focus on technology promotion and technical marketing activities, and each one has a unique mission that fosters SNIA's overarching industry goals.

SNIA's Technology Communities include:



ANALYTICS AND BIG DATA COMMITTEE (www.snia.org/abdc)

The ABDC is a SNIA Committee that is dedicated to fostering the growth and success of the market for what is generally referred to as Analytics and Big Data, and more generally, the use of data storage resources and services by analytics and big data applications and toolsets.

The ABDC mission addresses marketing outreach, education, and collaboration with other industry bodies relative to Analytics and Big Data efforts. Also, the ABDC will closely follow of the advancements in Analytics and Big Data science, product offerings and business models from academia, industry and the research community.

To fulfill this mission, the Analytics and Big Data Committee is organized around the following goals:

- Become the recognized authority regarding the use of storage and storage networking for Analytics and Big Data
- Collaborate with academia and the research labs of member companies to understand how advances in storage, storage networking, and other technologies will affect Analytics and Big Data
- Educate the vendor and user communities on the use of storage and storage networking for Analytics and Big Data
- Perform market outreach that highlights the virtues of storage and storage networking for Analytics and Big Data



CLOUD STORAGE INITIATIVE (www.snia.org/cloud)

The SNIA Cloud Storage Initiative (CSI) is committed to the adoption, growth and standardization of cloud storage and related cloud data services to promote interoperability and portability of data stored in the cloud.

The CSI is responsible for coordinating and managing all activities within the SNIA related to the use of storage in cloud environments and undertakes marketing outreach, education, collaboration with other industry bodies (relative to storage standards for cloud environments), development coordination of specific cloud storage standards (such as CDMI), and a close following of the dynamics of cloud business models. Activities are organized around the following goals:

- Become a recognized, global authority on storage in cloud environments
- Educate the vendor and user communities about storage in cloud environments
- Provide external advocacy in support of the SNIA Cloud Storage Technical Work Group (TWG), interoperability Plugfests, and standards conformance testing
- Collaborate with other industry associations on cloud related technical work in which they are involved



DATA PROTECTION AND CAPACITY OPTIMIZATION COMMITTEE (www.snia.org/dpco)

The SNIA Data Protection and Capacity Optimization (DPCO) Committee was created to foster the growth and success of the market for data protection and capacity optimization technologies. Data protection means assurance that data is usable and accessible for authorized purposes only, with acceptable performance, and in compliance with applicable requirements. Capacity optimization refers to methods which reduce the consumption of space required to store a data set and its scope is not limited to secondary storage. The DPCO Committee collaborates with other organizations inside and outside SNIA on matters related to our goals. The DPCO has developed an online Product Selection Guide to help buyers compare capabilities of products offered by the industry.

The goals of the DPCO are:

- Educate the vendor and user communities about data protection and efficient data storage technologies
- Perform market outreach that highlights the benefits of relevant technologies and documents implementation considerations and best practices
- Advocacy and support of technical work associated with data protection and capacity optimization
- Collaborate with other SNIA groups and external organizations to further the educational outreach for data protection and capacity optimization.



ETHERNET STORAGE FORUM (www.snia.org/esf)

The SNIA Ethernet Storage Forum (ESF) is a marketing organization within the SNIA focused on driving the broad adoption of Ethernet-connected storage networking solutions.

The ESF provides education on the advantages of storage over Ethernet by:

- Promoting Ethernet as a transport for converged storage networking solutions
- Promoting the use of the latest advancements in industry standard file protocols for data center storage applications.
- Creating vendor-neutral education content for IT professionals
- Driving market awareness and positioning of the various Ethernet storage technologies
- Leveraging SNIA and industry events, activities, and end-user outreach programs worldwide

The ESF has created Special Interest Groups (SIGs), whose goals are to execute marketing activities related to their area of focus, create content, and provide thought leadership to promote their technology. Today, the Ethernet Storage Forum has two Special Interest Groups: the File Protocols SIG and the Storage over Ethernet SIG.



GREEN STORAGE INITIATIVE (www.snia.org/gsi)

SNIA's Green Storage Initiative (GSI) is dedicated to advancing energy efficiency and conservation in all networked storage technologies in an effort to minimize the environmental impact of data storage operations.